

CUSTOMER NO.: 020991

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Donald C. D. Chang et. al.  
 Serial No. 09/497,865  
 Filed: February 4, 2000  
 For: AN IMPROVED PHASED ARRAY TERMINAL FOR  
 EQUATORIAL SATELLITE CONSTELLATIONS

Date: April 24, 2002  
 Group Art Unit: 3662

Examiner: Gregory Issing

Official

FAX RECEIVED

APR 24 2002

GROUP 3600

**AMENDMENT TRANSMITTAL LETTER**

Box Non-Fee Amendment  
 Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment and red-ink sketch in the above-identified application.

\_\_\_\_ Applicant petitions for an extension of time for \_\_\_\_\_ months(s) to respond to the Office Action dated \_\_\_\_\_. If an additional extension of time is required, please consider this a petition therefor.

\_\_\_\_ An extension for \_\_\_\_\_ months(s) has already been secured; the fee paid therefor of \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested. \_\_\_\_\_  
 Extension fee due with this request \$ \_\_\_\_\_

☒ Applicant believes that no extension of time is required to respond to the Office Action dated February 1, 2002. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

☒ No additional fee for claims is required.

☒ The fee for claims has been calculated as shown below:

CLAIMS AS AMENDED								
CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDITIONAL FEE
TOTAL CLAIMS	36	minus	37*	=	0	x	\$ 18.00	\$ 0.00
INDEPENDENT CLAIMS	6	minus	6**	=	0	x	\$ 84.00	\$ 0.00
MULTIPLE DEPENDENT CLAIMS						+	\$ 280.00	\$ 0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:								\$ 0.00

Charge \$0.00 to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383. This form is submitted in triplicate.

Respectfully submitted,

*Vijayalakshmi D. Duraiswamy*  
 Vijayalakshmi D. Duraiswamy, Registration No.: 31,505  
 Attorney for Applicant(s) and Assignee

**CERTIFICATE OF MAILING/FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being transmitted via facsimile to 703-872-9326 (Official Facsimile No. for TC3600 / Before final) addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, DC 20231 on April 24, 2002. (Date of Facsimile Transmission)

HUGHES ELECTRONICS CORPORATION  
 Patent Docket Administration  
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 Telephone: 310-662-9919  
 Date: April 24, 2002

*Vijayalakshmi D. Duraiswamy*  
 Vijayalakshmi D. Duraiswamy, Registration No. 31,505  
April 24, 2002  
 Date of Signature

\* If less than 20, insert 20

\* If less than 3, insert 3

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V.D. DURAISWAMY (Name of Applicant, Assignee or Registered Representative)

V. D. Duraiswamy (Signature) April 24, 2002 (Date of Signature)  
Reg. No. 31,505  
FACSIMILE LEAD PAGE

**HUGHES ELECTRONICS CORPORATION**

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DATE: April 24, 2002  
TOTAL PAGES (INCLUDING THIS PAGE): 18 pages (PART 1 of 2)  
TRANSMITTED IN TWO PARTS  
(PART 1 - items (1), (2) & (3) listed below.)  
PART 2 - item (4) listed below)

Fax: 703-872-9326 (Fax No. for TC 3600, Before Final)

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RE: Serial No. 09/497,865, filed February 4, 2000. Inventors: Donald C. D. Chang et. al,  
For "AN IMPROVED PHASED ARRAY TERMINAL FOR EQUATORIAL SATELLITE  
CONSTELLATIONS"  
Examiner : G. Issing. Group Art Unit 3662  
Attorney Docket No. PD-980034

Transmitted herewith are the following documents: (1) an amendment in response to the Office Action dated February 1, 2001, received for the above-identified patent application; (2) Amendment transmittal letter (in triplicate) with authorization to charge necessary fees to Deposit Account 50-0383, (3) red-ink sketch showing drawing correction to Fig. 2, and (4) Information Disclosure Statement with copy of USP 4,812,788.

Vijayalakshmi D. Duraiswamy  
Vijayalakshmi D. Duraiswamy  
Registration No. 31,505,  
Attorney for Applicants

Enc.: as noted